

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
BrF: Berks-----	0-4	Loam	GC, GM, SC, SM	A-2, A-4	0-6	15-30	40-80	35-70	30-60	25-45	25-36	5-10
	4-17	Channery loam, very channery loam, channery silt loam	GC, GM, SC, SM	A-1, A-2, A-4	0	0-30	40-80	35-70	25-60	20-45	25-36	5-10
	17-25	Channery loam, very channery loam, channery silt loam	GM, SM	A-1, A-2	0	0-40	35-65	25-55	20-40	15-35	24-38	2-10
	25-29	Weathered bedrock			---	---	---	---	---	---	0-14	---
Rock Outcrop----	0-60	Bedrock			---	---	---	---	---	---	0-14	---
CeB: Cedarcreek-----	0-2	Loam	GC	A-2, A-4, A-6	---	15-30	45-60	40-55	30-50	20-40	25-35	7-12
	2-65	Extremely channery loam, very stony silt loam, very channery sandy loam	GC	A-2, A-4	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Wet Minesoil----	---	---	---	---	---	---	---	---	---	---	---	---
CrF: Cedarcreek-----	0-2	Loam	GC	A-2, A-4, A-6	---	15-30	45-60	40-55	30-50	20-40	25-35	7-12
	2-65	Extremely channery loam, very stony silt loam, very channery sandy loam	GC	A-2, A-4	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Rock Outcrop----	0-60	Bedrock			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
ItF: Itmann-----	0-2	Extremely channery sandy loam	GC-GM, GM	A-1, A-2	---	0-10	40-55	35-50	25-45	15-35	15-25	NP-7
	2-65	Very channery sandy loam, very channery loam, extremely channery sandy loam	GC-GM, GM	A-1, A-2	---	0-15	30-55	25-50	20-45	10-35	15-25	NP-7
KaB: Kaymine-----	0-4	Loam	GC	A-2, A-4, A-6	---	15-30	45-60	40-55	30-50	20-40	25-35	7-12
	4-65	Extremely channery loam, very stony silt loam, very channery loam	GC	A-2, A-4, A-6	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Wet Minesoil----	---	---	---	---	---	---	---	---	---	---	---	---
KcF: Kaymine-----	0-4	Loam	GC	A-2, A-4, A-6	---	15-30	45-60	40-55	30-50	20-40	25-35	7-12
	4-65	Extremely channery loam, very stony silt loam, very channery loam	GC	A-2, A-4, A-6	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Cedarcreek-----	0-2	Loam	GC	A-2, A-4, A-6	---	15-30	45-60	40-55	30-50	20-40	25-35	7-12
	2-65	Extremely channery loam, very stony silt loam, very channery sandy loam	GC	A-4, A-2	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Dekalb-----	0-5	Loam	CL-ML, GM, ML, SM	A-1, A-2, A-4	0-6	10-30	50-90	45-80	40-75	20-55	10-32	NP-10
	5-27	Channery sandy loam, channery loam, very channery sandy loam	GC-GM, GM, ML, SM	A-1, A-2, A-4	0	5-40	50-85	40-75	40-75	20-55	15-32	NP-9
	27-30	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	GC, GM, SC, SM	A-1, A-2, A-4	0-1	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
KrF:												
Kaymine-----	0-4	Loam	GC	A-2, A-4, A-6	---	15-30	45-60	40-55	30-50	20-40	25-35	7-12
	4-65	Extremely channery loam, very stony silt loam, very channery loam	GC	A-2, A-4, A-6	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Rock Outcrop----	0-60	Bedrock			---	---	---	---	---	---	0-14	---
LlC:												
Lily-----	0-5	Loam	CL-ML, ML	A-4	---	0-5	90-100	85-100	70-95	55-80	0-35	NP-10
	5-19	Clay loam, sandy clay loam, loam	CL, ML, SC, SM	A-4, A-6	---	0-5	90-100	85-100	75-100	40-80	0-35	3-15
	19-39	Sandy clay loam, clay loam, gravelly sandy clay loam	CL, ML, SC, SM	A-1-b, A-2, A-4, A-6	---	0-10	65-100	50-100	40-95	20-75	0-35	3-15
	39-43	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
PBF: Pineville-----	0-5	Loam	CL-ML, ML, SC-SM, SM	A-2, A-4	---	15-30	55-90	50-85	45-80	30-75	25-35	4-10
	5-45	Channery loam, channery clay loam, very channery loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	---	0-10	55-85	50-80	45-75	30-65	25-40	6-15
	45-65	Very channery loam, very channery clay loam, very channery sandy loam	SC-SM, GC-GM, GM, SC	A-1, A-2, A- 4, A-6	---	5-20	35-75	30-70	25-65	20-60	25-35	4-12
Berks-----	0-4	Loam	GC, GM, SC, SM	A-2, A-4	0-6	15-30	40-80	35-70	30-60	25-45	25-36	5-10
	4-17	Channery loam, very channery loam, channery silt loam	GC, GM, SC, SM	A-1, A-2, A-4	0	0-30	40-80	35-70	25-60	20-45	25-36	5-10
	17-25	Channery loam, very channery loam, channery silt loam	GM, SM	A-1, A-2	0	0-40	35-65	25-55	20-40	15-35	24-38	2-10
	25-29	Weathered bedrock			---	---	---	---	---	---	0-14	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
PlE: Pineville-----	0-5	Loam	CL-ML, ML, SC-SM, SM	A-2, A-4	---	3-15	55-90	50-85	45-80	30-75	25-35	4-10
	5-45	Channery loam, channery clay loam, very channery loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	---	0-10	55-85	50-80	45-75	30-65	25-40	6-15
	45-65	Very channery loam, very channery clay loam, very channery sandy loam	GC-GM, GM, SC, SC-SM	A-1, A-2, A- 4, A-6	---	5-20	35-75	30-70	25-65	20-60	25-35	4-12

[illegible]